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|  | ***Pediatric lectures 1*** |

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| **1-growth and development** |
| 1. **Assessment of growth, teething and skeletal maturation and Use of percentile tables and charts** |
| 1. **Assessment of development and behavior and abnormal patterns of development** |
| **2-nutriton and infant feeding** |
| 1. **Breast feeding and alternative to breast feeding** |
| **3-nutritonal disorders** |
| 1. **Vitamin D deficiency rickets, hypocalcemia and hypocalcemic tetany** |
| 1. **Protein energy malnutrition (PEM):**   **Underweight, Marasmus and kwashiorkor** |
| **4-neonatology** |
| **6) Routine care and resuscitation of the newborn. Assessment of gestational age(preterm and post-term), small and large for gestational age.** |
| **7) Birth injuries .** |
| **8) Diseases of the respiratory system (RDS ,meconium aspiration , Diaphragmatic hernia , Congential pneumonia**) |
| **9) Jaundice in the newborn.** |
| **5-genetic and dysmorphology** |
| **10) Types of chromosomal abnormalities and mode of inheritance of single gene trait.**  **Down, Turner, Klinefelter ,Marfan and Williams syndromes.** |
| **6-CVS** |
| **11) Acyanotic and cyanotic congenital heart diseases** |
| **12) Rheumatic fever &Kawasaki disease** |
| **7-Respiratory system** |
| **13) Upper respiratory tract infections. bronchiolitis and pneumonia** |
| **8-GIT** |
| **14) Diarrheal disorders**  **15) gastro esophageal reflux disease, corrosive stricture** |
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| **9- hematology and oncology** |
| **16) Diagnostic evaluation of anemia, iron deficiency anemia and megaloblastic anemia** |
| **17) Hemolytic anemia ( general manifestations, Thalassemia , sickle cell disease , G-6-P deficiency)** |
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| **10- infection** |
| **18) Scarlet fever, H.influenza infection** |
| **19) Acute bacterial meningitis, acute aseptic meningitis, encephalitis** |
| **20) Viral infections (measles, rubella, roseolainfantum , erythema infectiosum, mumps ,EBV)** |

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| **11-nephrology** |
| **21) Clinical evaluation of a child with hematuria ,post streptococcal glomerulonephritis.** |
| **22) Clinical evaluation of a child with proteinuria ,nephrotic syndrome.** |
| **12- endocrinology** |
| **23) Hypothyroidism , congenital adrenal hyperplasia, Cushing syndrome.** |
| **13- nervous system** |
| **24) Febrile seizures and epilepsy**  **25) Evaluation of abnormal head size (Hydrocephalus ,microcephaly &craniocynostosis)** |
| **14- pediatric emergencies** |
| **26) Acid- base balance and acid- base disorders** |
| **27)** **Fluid Electrolytes disturbance.** |